منهد.		LINTELLIGENCE MATION F		REPORT		
		aviioii L	16FUN I	CD NO.		. •
	erneny/ISER			DATE DISTR. 15 D	acomhon	25X1
UBJECT 1. Pag	4 German Atomie	Power Plant at	r v	NO. OF PAGES	2	-,,~
ACE Rec	let Support of I	last German Ato	nd.e	, , , , , , , , , , , , , , , , , , , ,		
QUIRED				No. of Encls.	10	25X1
TE OF				SUPPLEMENT TO	nu	
0.	Tra Gyra		Minister of the Control of the Contr	REPORT NO.	DIG	GE
IS COCHUENT CONTAINS INFORMATIO THE WINTED SCATTLE WITHIN THE ME LG. 31 AND \$5,46 APPRIORS.	N APPECTING THE NATIONAL DEFE EARLING OF THE COPIONAGE ACT	182 2 162 2				1-
Its contests is any manual to a	A CONTRACTOR OF THE PARTY OF	not i	THIS IS	IMENALUATED INFORM	TION	25 <b>X</b> 1
				• • • • • •		-
1.	The plant's of	ficial designat	cion is VEB	Atomicraficerk I		
•	Neuglobsow. "I	" Stands for Co	onsurvetion	Stere I.		25X
•	passed for the	second consten	in May	1958 orders were		
			i <b>ct</b> ion stage	of the stanta		
	power plant.		action stage	of the atomic		
	power plant.	en e		· · · · · · · · · · · · · · · · · · ·		
en e	power plant.	en e		of the atomic		
en e	The reactor type designation.	e ves designat	ted <b>VVB-2</b> .	This is a Soviet		
	The reactor type designation.  The following to	pe was designat temperatures we	red VVR-2.	This is a Soviet		
	The reactor type designation.  The following to	pe was designat temperatures we	re reported	This is a Soviet regarding the steam generators:		
	The reactor type designation.  The following the superheated wat head fraction to	pe was designate temperatures we ter used at the temperature	re reported	This is a Soviet regarding the steam generators:	•	
	The reactor type designation.  The following to superheated watches fraction to tail fraction to the superheated the superheated was the superheated the super	pe was designate temperatures we ter used at the temperature temperature	re reported reactor's 259.50	regarding the steam generators:		
	The reactor type designation.  The following to superheated watches fraction to tail fraction to the superheated the superheated was the superheated the super	pe was designate temperatures we ter used at the temperature temperature	re reported reactor's 259.50	regarding the steam generators:	લ્થે	
	The reactor type designation.  The following to superheated watches fraction to tail fraction to supplier firms	temperatures we ter used at the temperature temperature to the atomic	re reported reactor's 259.50	regarding the steam generators: Centigrade Centigrade	ĸÜ	
<u> </u>	The reactor type designation.  The following to superheated watched fraction to tail fraction to Supplier firms  VEE Bergmann-Bo  VEE Stahlbau Ni	temperatures we ter used at the temperature temperature to the atomic orsig. Bendin	re reported reactor's 269.5° 247.5° power plant	regarding the steam generators:	5 <sup>1</sup> .	
<u> </u>	The reactor type designation.  The following the superheated was beed fraction to tail fraction to the superheated was been superheated with superheated was been superheated with the superheated was been superheated was been superheated was been superheated with the superheated was been superheated was	temperatures we ter used at the temperature to the atomic orsig, Berlin esky	re reported reactor's 269.5° 247.5° power plant	regarding the steam generators: Centigrade Centigrade are the following:	s iž	
<u> </u>	The reactor tyldesignation.  The following the superheated wat the fraction the superheated wat the fraction the superheated wat the fraction the superheated wat fraction the superheated wat fraction the superheated water fraction to superheated water fractions with superheated water fractions wi	temperatures we ter used at the temperature temperature to the atomic orsig, Berlinesky trieb Rostock S- und Apparat	re reported reactor's 269.5° 247.5° power plant	regarding the steam generators: Centigrade Centigrade are the following:	edi.	
al strict.	The reactor tyldesignation.  The following tauperheated wat heed fraction tail fraction tail fraction to the Supplier firms  VEE Bergmann-Bo VEE Stahlbau No VEE Rohrleitung VEE Rohrleitung	temperatures we ter used at the temperature to the atomic orsig, Berlin esky strieb Rostoak Se und Apparat Meissen restung Markking markking merkking merkki	re reported reactor's 269.5° 247.5° power plant ebau Aschera	regarding the steam generators: Centigrade Centigrade are the following:		
A SPORT	The reactor tyldesignation.  The following the superheated wat heed fraction the superheated was superheated by the superheated was superheated by the superheated was superheated was superheated by the superheated was superheated	temperatures we ter used at the temperature to the atomic orsig, Herlin esky trieb Rostoak Seund Apparat Meisten Eitte Bitte Eitte	re reported reactor's 269.50 247.50 power plant ebau Aschericated	regarding the steam generators: Centigrade Centigrade are the following:		
20 (400 (20) (20) (20) (20) (20) (20) (20) (2	The reactor ty designation.  The following the superheated wat the following the superheated wat the fraction the fraction the fraction the fraction the fraction the fraction the superheated wat the fraction the fraction the fraction of t	temperatures we ter used at the temperature to the atomic orsig, Berlin esky otrieb Rostoak Se und Apparat Meissen reitung Markkinsbetrieb Bitter	re reported reactor's 269.50 247.50 power plant ebau Aschericated	regarding the steam generators: Centigrade Centigrade are the following:		
20 (400) (200) (	The reactor tyldesignation.  The following the superheated wat heed fraction the superheated was superheated by the superheated was su	temperatures we ter used at the temperature to the atomic orsig, Berlin esky otrieb Rostoak Se und Apparat Meissen reitung Markkinsbetrieb Bitter	re reported reactor's 269.50 247.50 power plant ebau Aschericated	regarding the steam generators: Centigrade Centigrade are the following:		
2.	The reactor ty designation.  The following the superheated wat head fraction the trial fraction the superheated wat head fraction the superheated wat head fraction the superheated wat head fraction the superheated was superheated with superheated was series with the superheated was series with superheated was series with superheated was series with superheated was series with superheated was sup	temperatures we ter used at the temperature temperature to the atomic ersig, Berlin esky etrieb Rostock s- und Apparat Meiseen reitung Merkkle setrieb Eitter Heckeu	re reported reactor's 269.5° 247.5° power plant ebau Ascherical rendenburg	regarding the steam generators: Centigrade Centigrade are the following:		
2. 2.	The reactor tyldesignation.  The following true superheated wat head fraction trail fraction.  VEE Bergmann-Bove Stahlbau Niver Isclations ver Isclations ver Rohrleitung ver Rohrleitung ver Rohrleitung ver Rohrleitung ver Its (Ingentium ver Its Lueftung Ne Ver Berlin ver Lueftung Ne ver Lue	temperatures we ter used at the temperature temperature to the atomic ersig, Berlin esky etrieb Rostock s- und Apparat Meiseen reitung Merkklusbetrieb Eitter Fierbau) Betschkau will be dumped I grounds. Wast	re reported reactor's 269.50 247.50 power plant ebau Ascherical rendenburg	regarding the steam generators: Cantigrade Cantigrade are the following: Slaben containers at the	κĐ.	
2.	The reactor tyldesignation.  The following true superheated wat head fraction trial fraction.  VEE Bergmann-Bove Stahlbau Niver Isolations Ver Rohrleitung Ver Rohrleitung Ver Rohrleitung Ver Rohrleitung Ver ITB (Incentive Maste material so-called buria radioactive was	temperatures we ter used at the temperature temperature temperature to the atomic ersig, Berlin esky etrieb Rostock & und Apparat Meiseen reitung Merkkl. Estrieb Bitter techkau will be dumped I grounds. Waste water, radio	re reported reactor's 269.50 24.7.50 power plant ebau Aschere refeld rendenburg	regarding the steam generators: Centigrade Centigrade are the following: slabon containers at the include iteals and	<b>25X1</b>	
出版。 (2) (2) (3) (3) (3) (4) (4) (5) (5) (6) (6) (7) (7) (7) (7) (7) (7) (7) (7	The reactor tyldesignation.  The following true superheated wat head fraction trial fraction.  Supplier firms  VEE Bergmann-Bove Stahlbau Niver Isolations Ver Rohrleitung Ver Rohrleitung Ver Rohrleitung Ver Rohrleitung New Berling New Berli	temperatures we ter used at the temperature temperature temperature to the atomic tries Rostock s- und Apparat Meisean reitung Markklastrieb Bitter Schkau will be dumped I grounds. Waste water, radices (rare gases)	re reported reactor's 269.50 22.7.50 power plant ebau Aschere redd rendenburg in special te materials pactive chem) of long he	regarding the steam generators: Centigrade Centigrade are the following: slaben containers at the include iteals and		
出版。 (2) (2) (3) (3) (3) (4) (4) (5) (5) (6) (6) (7) (7) (7) (7) (7) (7) (7) (7	The reactor tyldesignation.  The following true superheated wat head fraction trial fraction.  Supplier firms  VEE Bergmann-Bove Stahlbau Niver Isolations Ver Rohrleitung Ver Rohrleitung Ver Rohrleitung Ver Rohrleitung New Berling New Berli	temperatures we ter used at the temperature temperature temperature to the atomic tries Rostock s- und Apparat Meisean reitung Markklastrieb Bitter Schkau will be dumped I grounds. Waste water, radices (rare gases)	re reported reactor's 269.50 22.7.50 power plant ebau Aschere redd rendenburg in special te materials pactive chem) of long he	regarding the steam generators: Centigrade Centigrade are the following: slaben containers at the include iteals and lif-lives, as well. Excavated earth	25X1	
2. Sec. 1	The reactor ty designation.  The following the superheated wat head fraction the faction the firms  VEE Bergmann-Bo VEE Stahlau Ni VEE Isolationel VEE Rohrleitung VEE Rohrleitung VEE Rohrleitung VEE Rohrleitung VEE ITB (Incentive Maste material so-called buria radioactive was radioactive gas as contaminated	temperatures we ter used at the temperature temperature temperature to the atomic tries Rostock s- und Apparat Meisean reitung Markklastrieb Bitter Schkau will be dumped I grounds. Waste water, radices (rare gases)	re reported reactor's 269.50 22.7.50 power plant ebau Aschere redd rendenburg in special te materials pactive chem) of long he	regarding the steam generators: Centigrade Centigrade are the following: slaben containers at the include iteals and	25X1	
2. 10 10 10 10 10 10 10 10 10 10 10 10 10	The reactor tyldesignation.  The following true superheated wat head fraction trial fraction.  Supplier firms  VEE Bergmann-Bove Stahlbau Niver Isolations Ver Rohrleitung Ver Rohrleitung Ver Rohrleitung Ver Rohrleitung New Berling New Berli	temperatures we ter used at the temperature temperature to the atomic orsig, Herlin esky trieb Rostock Meisterieb Bitter reitung Markkinsbetrieb Bitter techkau will be dumped I grounds. Waste water, radio es (ware gases) machine parts,	re reported reactor's 269.50 22.7.50 power plant ebau Aschere redd rendenburg in special te materials pactive chem) of long he	regarding the steam generators: Centigrade Centigrade are the following: slaben containers at the include iteals and lif-lives, as well. Excavated earth	25X1	

-

25X1

resulting from levelling work and railroad construction activities was dumped into Wulwits Iake located east of the plant, filling it up 25 to 30 percent. The railroad line from Rheinsberg to the plant was completed and put into service in late April 1958. Road construction between Gransee and Mens was progressing. Concreting work on this road was completed as far as the bridge crossing the Polsow Canal near Mens. Stasener street leading from this point to the atomic plant was being provided with a one-lane concrete surface in late April 1958.

- including 20 from Entwurfabuero fuer
  Industriebau (designing office for industrial building),
  and 40 from Energie-Projektionen Berlin (EP). The
  Leningrad GUIAS designing office cooperated in the planning.
  Br. Franke of ITB (Ingenieur-Tiefbau-Brandenburg)
  was supervisor of the building activities during the time
  under observation.
- a meeting with the manager of Emergie-Projektierung Berlingit was learned that the first construction stage would be completed in late 1961. In order to attain this goal, the members of the Atom-Brigade obliged to do regular overtime work. It was furthermore announced that the plant is to serve large-scale experimental work rather than serve economic purposes. On the grounds of the experience gained future atomic power plants will be built. On the other hand, information gained from employees and management indicated that the deadline for completion of the plant has been postponed from 1960 to 1964 in view of the difficulties arising. After his return from Moscow, along with the delegates Flachowsky, Schibilla and Breitenwischer, of VEB Energie-Projektierung Berlin, Schneider 2 announced that ten more power reactors are to be built in the GDR by 1970.

25X1

S	E	C	R	K.

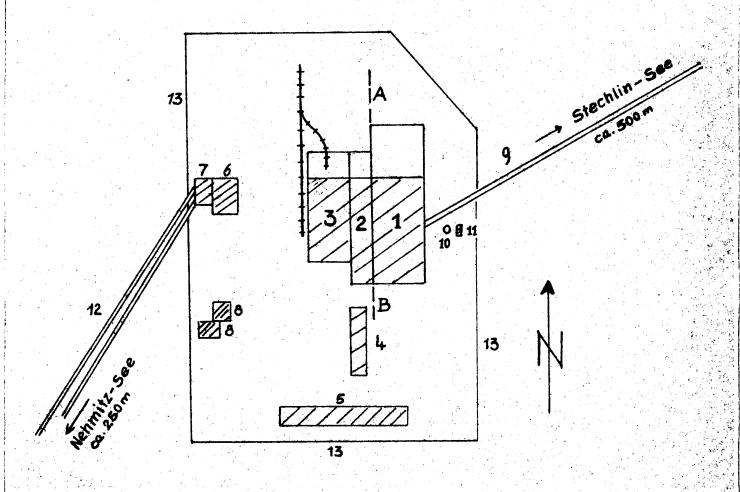
Sanitized Copy Approved for Release 2010/06/25 : CIA-RDP80T00246A046000140001-5 25X1 Anlage 1 zu SECRET 25X1 VEB Atomkraftverk 1 170 95 Sec Alemkraftwerk I Nehmitz-See 90 Wasser Leitungen Maßstab 1:50 000 (veränderter Naßstab aus Großblatt 51)
Neuruppin - Rheinsberg 25X1 SECRET Sanitized Copy Approved for Release 2010/06/25 : CIA-RDP80T00246A046000140001-5

Sanitized Copy Approved for Release 2010/06/25 : CIA-RDP80T00246A046000140001-5

\*\*Anlage 2 zu\*\* 25X1\*\*\*

25X1\*\*\*

## VEB Atomkraftwerk 1



Masstab - ca. 1:2000

	· .					
. [						
						i
13						

25X1

SECRET		
	•	25X1

Legend:

- Reactor
- Electric power plant
- 3 Ergine house
- Laundry
- Administration
- Pumping station
- Water inlet
- Water processing plant Water discharge
- 9 10 Smokestack
- 11 Shaft
- 12 Cooling water pipes

## A - B 2-meter surface gradient

Cooling water is taken from Nehmitzsee. Waste water is
discharged into Stechlinsee, the water returning to
Wehmitzses along a canal connecting both lakes. Since
the volume of water of Stechlinsee is inadequate, it
is intended to provide fresh water from Mueritzsee.
Koelpinsee and Flauersee to Stechlinsee at a
rate of 0.6 cubic meters/sec. Since all these lakes are
lacking of water in times of drought, the only solution
would be providing water from the Peene River via
Malchinersee by pusping it over the watershed.

25X1